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Surface treatment of fluororesin material for coaxial cable involves
irradiating fluororesin material placed inside a thin quartz tube
immersed in aqueous solution containing ultraviolet absorption compound

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000256488	A	20000919	JP 9961581	A	19990309	200065 B

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Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000256488	A	5	C08J-007/00	

Abstract (Basic): JP 2000256488 A

NOVELTY - One end of a thin quartz tube (3) is immersed in an aqueous liquid (2) containing ultraviolet absorption compound, and is filled with aqueous liquid by capillary action. A fluororesin material (F) is made to run inside the tube and an excimer laser light (L) is irradiated on the quartz tube.

USE - For coaxial cable manufacture.

ADVANTAGE - The adhesion and wettability of surface treated layer and the fluororesin material are improved. A favorable surface modification effect by continuous surface treatment and higher productivity are achieved.

DESCRIPTION OF DRAWING(S) - The figure shows sectional drawing of apparatus for surface treatment of fluororesin material.

Aqueous liquid containing ultraviolet absorption compound (2)

Quartz tube (3)

Fluororesin material (F)

Excimer laser (L)

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Derwent Class: A14; A35; A85; P42

International Patent Class (Main): C08J-007/00

International Patent Class (Additional): B05D-003/06; B05D-003/10;
B05D-007/20; C08L-027-12